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NEWS	4	JAN 27	A new search aid, the Company Name Thesaurus, available in CA/CAPLUS
NEWS	5	FEB 05	German (DE) application and patent publication number format changes
NEWS	6	MAR 03	MEDLINE and LMEADLINE reloaded
NEWS	7	MAR 03	MEDLINE file segment of TOXCENTER reloaded
NEWS	8	MAR 03	FRANCEPAT now available on STN
NEWS	9	MAR 29	Pharmaceutical Substances (PS) now available on STN
NEWS	10	MAR 29	WPIFV now available on STN
NEWS	11	MAR 29	New monthly current-awareness alert (SDI) frequency in RAPRA
NEWS	12	APR 26	PROMT: New display field available
NEWS	13	APR 26	IFIPAT/IFIUDB/IFICDB: New super search and display field available
NEWS	14	APR 26	LITALERT now available on STN
NEWS	15	APR 27	NLDB: New search and display fields available
NEWS	16	May 10	PROUSDDR now available on STN
NEWS	17	May 19	PROUSDDR: One FREE connect hour, per account, in both May and June 2004
NEWS	18	May 12	EXTEND option available in structure searching
NEWS	19	May 12	Polymer links for the POLYLINK command completed in REGISTRY
NEWS	20	May 17	FRFULL now available on STN
NEWS	21	May 27	STN User Update to be held June 7 and June 8 at the SLA 2004 Conference
NEWS	22	May 27	New UPM (Update Code Maximum) field for more efficient patent SDIs in CAPLUS
NEWS	23	May 27	CAPLUS super roles and document types searchable in REGISTRY
NEWS	24	May 27	Explore APOLLIT with free connect time in June 2004
NEWS EXPRESS			MARCH 31 CURRENT WINDOWS VERSION IS V7.00A, CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP), AND CURRENT DISCOVER FILE IS DATED 26 APRIL 2004
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=> s sucrose(w)synthase and cotton and fiber and transform?

L1 3 SUCROSE(W) SYNTHASE AND COTTON AND FIBER AND TRANSFORM?

=> d l1 1-3

L1 ANSWER 1 OF 3 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN

AN 2003:217938 BIOSIS

DN PREV200300217938

TI Suppression of \*\*\*sucrose\*\*\* \*\*\*synthase\*\*\* gene expression  
represses \*\*\*cotton\*\*\* \*\*\*fiber\*\*\* cell initiation, elongation,  
and seed development.

AU Ruan, Yong-Ling [Reprint Author]; Llewellyn, Danny J.; Furbank, Robert T.

CS Plant Industry, Commonwealth Scientific and Industrial Research

Organization, Canberra, ACT, 2601, Australia

yong-ling.ruan@csiro.au

SO Plant Cell, (April 2003) Vol. 15, No. 4, pp. 952-964. print.

CODEN: PLCEEW. ISSN: 1040-4651.

DT Article

LA English

ED Entered STN: 7 May 2003

Last Updated on STN: 30 Jun 2003

L1 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2004 ACS on STN

AN 2003:310634 CAPLUS

DN 139:114477

TI Suppression of \*\*\*sucrose\*\*\* \*\*\*synthase\*\*\* gene expression  
represses \*\*\*cotton\*\*\* \*\*\*fiber\*\*\* cell initiation, elongation,  
and seed development

AU Ruan, Yong-Ling; Llewellyn, Danny J.; Furbank, Robert T.

CS Commonwealth Scientific and Industrial Research Organization Plant  
Industry, Canberra, ACT 2601, Australia

SO Plant Cell (2003), 15(4), 952-964

CODEN: PLCEEW; ISSN: 1040-4651

PB American Society of Plant Biologists

DT Journal

LA English

RE.CNT 31 THERE ARE 31 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L1 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2004 ACS on STN

AN 2002:449422 CAPLUS

DN 137:29033

TI Molecular genetics techniques for altering \*\*\*fiber\*\*\* development  
and/or for enhancing \*\*\*fiber\*\*\* yield/quality in transgenic  
\*\*\*cotton\*\*\* plants, use of sense and antisense cDNA molecules encoding  
plant \*\*\*sucrose\*\*\* \*\*\*synthase\*\*\* and virus promoter

IN Llewellyn, Danny; Furbank, Robert; Ruan, Yong-Ling

PA Commonwealth Scientific and Industrial Research Organisation, Australia

SO PCT Int. Appl., 62 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2002045485	A1	20020613	WO 2001-AU1580	20011207
	W:				
	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN,				
	CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH,				
	GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR,				
	LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH,				
	PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA,				
	UG, US, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW:				
	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH,				
	CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR,				
	BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
	AU 2002020363	A5	20020618	AU 2002-20363	20011207
	EP 1349446	A1	20031008	EP 2001-999277	20011207
	R:				
	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,				
	IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
	BR 2001015782	A	20040120	BR 2001-15782	20011207
PRAI	AU 2000-1975	A	20001208		
	US 2000-251852P	P	20001208		
	WO 2001-AU1580	W	20011207		

RE.CNT 7 THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> s sucrose(w)synthase and cotton

L2 55 SUCROSE(W) SYNTHASE AND COTTON

=> duplicate remove l2

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L3 31 DUPLICATE REMOVE L2 (24 DUPLICATES REMOVED)

=> d l3 1-10

L3 ANSWER 1 OF 31 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN  
DUPLICATE 1

AN 2003:217938 BIOSIS

DN PREV200300217938

TI Suppression of \*\*\*sucrose\*\*\* \*\*\*synthase\*\*\* gene expression  
represses \*\*\*cotton\*\*\* fiber cell initiation, elongation, and seed  
development.

AU Ruan, Yong-Ling [Reprint Author]; Llewellyn, Danny J.; Furbank, Robert T.  
CS Plant Industry, Commonwealth Scientific and Industrial Research  
Organization, Canberra, ACT, 2601, Australia  
yong-ling.ruan@csiro.au

SO Plant Cell, (April 2003) Vol. 15, No. 4, pp. 952-964. print.

CODEN: PLCEEW. ISSN: 1040-4651.

DT Article

LA English

ED Entered STN: 7 May 2003

Last Updated on STN: 30 Jun 2003

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(2004) on STN DUPLICATE 2

AN 2003:56559 AGRICOLA

DN IND23343653

TI Localization of \*\*\*sucrose\*\*\* \*\*\*synthase\*\*\* and callose in  
freeze-substituted secondary-wall-stage \*\*\*cotton\*\*\* fibers.

AU Salnikov, V.V.; Grimson, M.J.; Seagull, R.W.; Haigler, C.H.

SO Protoplasma, June 2003. Vol. 221, No. 3/4. p. 175-184

Publisher: Wien : Springer-Verlag.

CODEN: PROTA5; ISSN: 0033-183X

NTE Includes references

CY Austria

DT Article

LA English

L3 ANSWER 3 OF 31 CAPLUS COPYRIGHT 2004 ACS on STN

AN 2002:449422 CAPLUS

DN 137:29033

TI Molecular genetics techniques for altering fiber development and/or for  
enhancing fiber yield/quality in transgenic \*\*\*cotton\*\*\* plants, use  
of sense and antisense cDNA molecules encoding plant \*\*\*sucrose\*\*\*  
\*\*\*synthase\*\*\* and virus promoter

IN Llewellyn, Danny; Furbank, Robert; Ruan, Yong-Ling

PA Commonwealth Scientific and Industrial Research Organisation, Australia

SO PCT Int. Appl., 62 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 2

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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PI WO 2002045485 A1 20020613 WO 2001-AU1580 20011207  
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN,  
CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH,  
GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR,  
LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH,  
PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA,  
UG, US, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM  
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH,  
CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR,  
BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG  
AU 2002020363 A5 20020618 AU 2002-20363 20011207  
EP 1349446 A1 20031008 EP 2001-999277 20011207  
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,  
IE, SI, LT, LV, FI, RO, MK, CY, AL, TR  
BR 2001015782 A 20040120 BR 2001-15782 20011207  
PRAI AU 2000-1975 A 20001208  
US 2000-251852P P 20001208  
WO 2001-AU1580 W 20011207

RE.CNT 7 THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 4 OF 31 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 2003:1004475 CAPLUS  
DN 140:2929  
TI Manipulating plant fiber quality by modification of \*\*\*\*sucrose\*\*\*  
\*\*\*\*synthase\*\*\* gene expression in plant tissue  
IN Ruan, Yong-Ling; Furbank, Robert; Llewellyn, Danny  
PA Australia  
SO U.S. Pat. Appl. Publ., 28 pp., Cont.-in-part of U.S. Provisional Ser. No.  
251,852.  
CODEN: USXXCO  
DT Patent  
LA English  
FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 2002116736	A1	20020822	US 2001-3405	20011206
PRAI	US 2000-251852P	P	20001208		

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Agricultural Library of the Department of Agriculture of the United States  
of America. It contains copyrighted materials. All rights reserved.  
(2004) on STN  
AN 2003:25194 AGRICOLA  
DN IND23319748  
TI Cellulose biosynthesis in plants: from genes to rosettes.  
AU Doblin, M.S.; Kurek, I.; Jacob-Wilk, D.; Delmer, D.P.  
AV DNAL (450 P699)  
SO Plant and cell physiology, Dec 2002. Vol. 43, No. 12. p. 1407-1420  
Publisher: Kyoto, Japan : Japanese Society of Plant Physiologists.  
CODEN: PCPHA5; ISSN: 0032-0781  
NTE Includes references  
CY Japan  
DT Article; (SURVEY OF LITURATURE)  
FS Non-U.S. Imprint other than FAO  
LA English

L3 ANSWER 6 OF 31 AGRICOLA Compiled and distributed by the National Agricultural Library of the Department of Agriculture of the United States of America. It contains copyrighted materials. All rights reserved. (2004) on STN DUPLICATE 3

AN 2001:73935 AGRICOLA

DN IND23230208

TI \*\*\*Sucrose\*\*\* \*\*\*synthase\*\*\* localizes to cellulose synthesis sites in tracheary elements.

AU Salnikov, V.V.; Grimson, M.J.; Delmer, D.P.; Haigler, C.H.

AV DNAL (450 P5622)

SO Phytochemistry, July 2001. Vol. 57, No. 6. p. 823-833  
 Publisher: Oxford : Elsevier Science Ltd.  
 CODEN: PYTCAS; ISSN: 0031-9422

NTE In the special issue: Biosynthesis of woody plant biopolymers and related substances, Part I / edited by N.G. Lewis and G.P. Bolwell.  
 Paper presented at a Symposium held March 26-29, 2000, San Francisco.  
 Includes references

CY England; United Kingdom

DT Article

FS Non-U.S. Imprint other than FAO

LA English

  

L3 ANSWER 7 OF 31 AGRICOLA Compiled and distributed by the National Agricultural Library of the Department of Agriculture of the United States of America. It contains copyrighted materials. All rights reserved. (2004) on STN DUPLICATE 4

AN 2002:15250 AGRICOLA

DN IND23255009

TI Formation of callose from sucrose in \*\*\*cotton\*\*\* fiber microsomal membranes.

AU Konishi, T.; Nakai, T.; Sakai, F.; Hayashi, T.

AV DNAL (SD430.J68)

SO Journal of wood science, 2001. Vol. 47, No. 5. p. 331-335  
 Publisher: Bunkyo-ku, Tokyo, Japan : Springer-Verlag Tokyo, [1998-  
 ISSN: 1435-0211

NTE Includes references

CY Japan

DT Article

FS Non-U.S. Imprint other than FAO

LA English

  

L3 ANSWER 8 OF 31 AGRICOLA Compiled and distributed by the National Agricultural Library of the Department of Agriculture of the United States of America. It contains copyrighted materials. All rights reserved. (2004) on STN DUPLICATE 5

AN 2001:81140 AGRICOLA

DN IND23235212

TI Carbon partitioning to cellulose synthesis.

AU Haigler, C.H.; Ivanova-Datcheva, M.; Hogan, P.S.; Salnikov, V.V.; Hwang, S.; Martin, K.; Delmer, D.P.

AV DNAL (QK710.P62)

SO Plant molecular biology, Sept 2001. Vol. 47, No. 1/2. p. 29-51  
 Publisher: Dordrecht : Kluwer Academic Publishers.  
 CODEN: PMBIDB; ISSN: 0167-4412

NTE In the special issue: Plant cell walls / edited by N. Carpita, M. Campbell, and M. Tierney.  
 Includes references

CY Netherlands  
DT Article; Law  
FS Non-U.S. Imprint other than FAO  
LA English

L3 ANSWER 9 OF 31 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 2002:485785 CAPLUS  
DN 137:166259  
TI Regulation of cellulose biosynthesis in developing xylem  
AU Haigler, Candace H.; Babb, V. Michelle; Hwang, Sangjoon; Salnikov, Vadim V.  
CS Department of Biological Sciences, Texas Tech University, Lubbock, TX, 79409-3131, USA  
SO Progress in Biotechnology (2001), 18(Molecular Breeding of Woody Plants), 1-9  
CODEN: PBITE3; ISSN: 0921-0423  
PB Elsevier Science B.V.  
DT Journal  
LA English  
RE.CNT 21 THERE ARE 21 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 10 OF 31 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN  
DUPLICATE 6  
AN 2000:503067 BIOSIS  
DN PREV200000503067  
TI Pathway and control of sucrose import into initiating \*\*\*cotton\*\*\* fibre cells.  
AU Ruan, Yong-Ling [Reprint author]; Llewellyn, Danny J.; Furbank, Robert T.  
CS CSIRO Plant Industry, Canberra, ACT, 2601, Australia  
SO Australian Journal of Plant Physiology, (2000) Vol. 27, No. 8-9, pp. 795-800. print.  
CODEN: AJPPCH. ISSN: 0310-7841.  
DT Article  
LA English  
ED Entered STN: 22 Nov 2000  
Last Updated on STN: 11 Jan 2002

=> d 13 11-20

L3 ANSWER 11 OF 31 AGRICOLA Compiled and distributed by the National Agricultural Library of the Department of Agriculture of the United States of America. It contains copyrighted materials. All rights reserved. (2004) on STN DUPLICATE 7  
AN 1999:66338 AGRICOLA  
DN IND22003484  
TI A fiberless seed mutation in \*\*\*cotton\*\*\* is associated with lack of fiber cell initiation in ovule epidermis and alterations in \*\*\*sucrose\*\*\* \*\*\*synthase\*\*\* expression and carbon partitioning in developing seeds.  
AU Ruan, Y.L.; Chourey, P.S.  
CS University of Florida, Gainesville, FL.  
AV DNAL (450 P692)  
SO Plant physiology, Oct 1998. Vol. 118, No. 2. p. 399-406  
Publisher: Rockville, MD : American Society of Plant Physiologists, 1926-  
CODEN: PLPHAY; ISSN: 0032-0889

NTE Includes references  
 CY Maryland; United States  
 DT Article; Conference  
 FS U.S. Imprints not USDA, Experiment or Extension  
 LA English

L3 ANSWER 12 OF 31 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN  
 AN 1998:339079 BIOSIS  
 DN PREV199800339079  
 TI Callose biosynthesis from sucrose in \*\*\*cotton\*\*\* membranes.  
 AU Konishi, Teruko [Reprint author]; Nakai, Tomonori [Reprint author]; Mori, Hitoshi; Sakai, Fukumi [Reprint author]; Hayashi, Takahisa [Reprint author]  
 CS Wood Res. Inst., Kyoto Univ., Uji 611, Japan  
 SO Plant and Cell Physiology, (1998) Vol. 39, No. SUPPL., pp. S78. print.  
 Meeting Info.: 1998 Annual Meeting of the Japanese Society of Plant Pathologists. Tokyo, Japan. May 3-5, 1998. Japanese Society of Plant Pathologists.  
 CODEN: PCPHA5. ISSN: 0032-0781.  
 DT Conference; (Meeting)  
 Conference; Abstract; (Meeting Abstract)  
 LA English  
 ED Entered STN: 12 Aug 1998  
 Last Updated on STN: 12 Aug 1998

L3 ANSWER 13 OF 31 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN  
 DUPLICATE 8  
 AN 1999:153576 BIOSIS  
 DN PREV199900153576  
 TI Changes in levels of mRNAs for cell wall-related enzymes in growing \*\*\*cotton\*\*\* cells.  
 AU Shimizu, Yoshinori; Ihara, Yuri; Tominaga, Rumi; Sasaki, Fukumi; Hayashi, Takahisa  
 CS Lab. Gene. Expression, Wood Res. Inst., Kyoto Univ., Uji, Kyoto 611, Japan  
 SO Wood Research, (Sept., 1998) Vol. 0, No. 85, pp. 59-61. print.  
 ISSN: 0049-7916.  
 DT Article  
 LA English  
 ED Entered STN: 16 Apr 1999  
 Last Updated on STN: 14 May 1999

L3 ANSWER 14 OF 31 AGRICOLA Compiled and distributed by the National Agricultural Library of the Department of Agriculture of the United States of America. It contains copyrighted materials. All rights reserved. (2004) on STN DUPLICATE 9  
 AN 1998:28475 AGRICOLA  
 DN IND20702789  
 TI The differential expression of \*\*\*sucrose\*\*\* \*\*\*synthase\*\*\* in relation to diverse patterns of carbon partitioning in developing \*\*\*cotton\*\*\* seed.  
 AU Ruan, Y.L.; Chourey, P.S.; Delmer, D.P.; Perez-Grau, L.  
 SO Plant physiology, Oct 1997. Vol. 115, No. 2. p. 375-385  
 Publisher: Rockville, MD : American Society of Plant Physiologists, 1926-  
 CODEN: PLPHAY; ISSN: 0032-0889  
 NTE Includes references  
 CY Maryland; United States  
 DT Article; Conference



FS U.S. Imprints not USDA, Experiment or Extension  
 LA English

L3 ANSWER 15 OF 31 AGRICOLA Compiled and distributed by the National  
 Agricultural Library of the Department of Agriculture of the United States  
 of America. It contains copyrighted materials. All rights reserved.  
 (2004) on STN DUPLICATE 10  
 AN 1998:20189 AGRICOLA  
 DN IND20622585  
 TI Changes in levels of mRNAs for cell wall-related enzymes in growing  
 \*\*\*cotton\*\*\* fiber cells.  
 AU Shimizu, Y.; Aotsuka, S.; Hasegawa, O.; Kawada, T.; Sakuno, T.; Sakai, F.;  
 Hayashi, T.  
 CS Kyoto University, Kyoto, Japan.  
 SO Plant and cell physiology, Mar 1997. Vol. 38, No. 3. p. 375-378  
 Publisher: Kyoto, Japan : Japanese Society of Plant Physiologists.  
 CODEN: PCPHA5; ISSN: 0032-0781  
 NTE Includes references  
 CY Japan  
 DT Article  
 FS Non-U.S. Imprint other than FAO  
 LA English

L3 ANSWER 16 OF 31 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN  
 AN 1997:380412 BIOSIS  
 DN PREV199799679615  
 TI An altered mode of spatial and temporal expression of \*\*\*sucrose\*\*\*  
 \*\*\*synthase\*\*\* in a fiberless seed mutant of \*\*\*cotton\*\*\* .  
 AU Ruan, Yong-Ling [Reprint author]; Chourey, Prem S.  
 CS PMCB Program, Univ. Fla., Gainesville, FL 32611-0680, USA  
 SO Plant Physiology (Rockville), (1997) Vol. 114, No. 3 SUPPL., pp. 25.  
 Meeting Info.: PLANT BIOLOGY '97: 1997 Annual Meetings of the American  
 Society of Plant Physiologists and the Canadian Society of Plant  
 Physiologists, Japanese Society of Plant Physiologists and the Australian  
 Society of Plant Physiologists. Vancouver, British Columbia, Canada.  
 August 2-6, 1997.  
 CODEN: PLPHAY. ISSN: 0032-0889.  
 DT Conference; (Meeting)  
 Conference; Abstract; (Meeting Abstract)  
 LA English  
 ED Entered STN: 4 Sep 1997  
 Last Updated on STN: 4 Sep 1997

L3 ANSWER 17 OF 31 CAPLUS COPYRIGHT 2004 ACS on STN  
 AN 1997:159044 CAPLUS  
 TI New developments in the field of cellulose biosynthesis in plants.  
 AU Delmer, D. P.  
 CS Section Plant Biology, University California, Davis, CA, 95616, USA  
 SO Book of Abstracts, 213th ACS National Meeting, San Francisco, April 13-17  
 (1997), CELL-001 Publisher: American Chemical Society, Washington, D. C.  
 CODEN: 64AOAA  
 DT Conference; Meeting Abstract  
 LA English

L3 ANSWER 18 OF 31 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN  
 AN 1996:358295 BIOSIS  
 DN PREV199699080651

TI Biochemical and molecular level expression \*\*\*sucrose\*\*\*  
 \*\*\*synthase\*\*\* in \*\*\*cotton\*\*\* .  
 AU Ruan, Yong-Ling [Reprint author]; Delmer, Deborah P.; Perez-Grau, Luis;  
 Chourey, Prem S. [Reprint author]  
 CS Univ. Florida, Gainesville, FL 32611, USA  
 SO Plant Physiology (Rockville), (1996) Vol. 111, No. 2 SUPPL., pp. 123.  
 Meeting Info.: Annual Meeting of the American Society of Plant  
 Physiologists. San Antonio, Texas, USA. July 27-31, 1996.  
 CODEN: PLPHAY. ISSN: 0032-0889.  
 DT Conference; (Meeting)  
 Conference; Abstract; (Meeting Abstract)  
 Conference; (Meeting Poster)  
 LA English  
 ED Entered STN: 5 Aug 1996  
 Last Updated on STN: 6 Aug 1996

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 (2004) on STN DUPLICATE 11  
 AN 95:61449 AGRICOLA  
 DN IND20482411

TI A membrane-associated form of \*\*\*sucrose\*\*\* \*\*\*synthase\*\*\* and its  
 potential role in synthesis of cellulose and callose in plants.  
 AU Amor, Y.; Haigler, C.H.; Johnson, S.; Wainscott, M.; Delmer, D.P.  
 CS The Hebrew University of Jerusalem, Jerusalem, Israel.  
 AV DNAL (500 N21P)  
 SO Proceedings of the National Academy of Sciences of the United States of  
 America, Sept 26, 1995. Vol. 92, No. 20. p. 9353-9357  
 Publisher: Washington, D.C. : National Academy of Sciences,  
 CODEN: PNASA6; ISSN: 0027-8424  
 NTE Includes references  
 CY District of Columbia; United States  
 DT Article; Conference  
 FS U.S. Imprints not USDA, Experiment or Extension  
 LA English

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 (2004) on STN DUPLICATE 12  
 AN 97:33830 AGRICOLA  
 DN IND20564744

TI \*\*\*Sucrose\*\*\* \*\*\*synthase\*\*\* localization during initiation of  
 seed development and trichome differentiation in \*\*\*cotton\*\*\* ovules.  
 AU Nolte, K.D.; Hendrix, D.L.; Radin, J.W.; Koch, K.E.  
 CS University of Florida, Gainesville, FL.  
 AV DNAL (450 P692)  
 SO Plant physiology, Dec 1995. Vol. 109, No. 4. p. 1285-1293  
 Publisher: Rockville, MD : American Society of Plant Physiologists, 1926-  
 CODEN: PLPHAY; ISSN: 0032-0889  
 NTE Includes references  
 CY Maryland; United States  
 DT Article; Conference  
 FS U.S. Imprints not USDA, Experiment or Extension  
 LA English

=> d 13 21-31

L3 ANSWER 21 OF 31 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN  
AN 1995:338009 BIOSIS  
DN PREV199598352309  
TI Synthesis of cellulose and callose in \*\*\*cotton\*\*\* fibers via a  
coupled reaction involving \*\*\*sucrose\*\*\* \*\*\*synthase\*\*\*  
AU Armor, Yehudit [Reprint author]; Delmer, Deborah P. [Reprint author];  
Haigler, Candace H.; Johnson, Sarah; Wainscott, Melody  
CS Dep. Botany, Hebrew University, Jerusalem 91904, Israel  
SO Plant Physiology (Rockville), (1995) Vol. 108, No. 2 SUPPL., pp. 123.  
Meeting Info.: Annual Meeting of the American Society of Plant  
Physiologists. Charlotte, North Carolina, USA. July 29-August 2, 1995.  
CODEN: PLPHAY. ISSN: 0032-0889.  
DT Conference; (Meeting)  
Conference; Abstract; (Meeting Abstract)  
Conference; (Meeting Poster)  
LA English  
ED Entered STN: 2 Aug 1995  
Last Updated on STN: 2 Aug 1995

L3 ANSWER 22 OF 31 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN  
AN 1995:337359 BIOSIS  
DN PREV199598351659  
TI The potential role of a membrane-associated form of \*\*\*sucrose\*\*\*  
\*\*\*synthase\*\*\* in synthesis of cellulose.  
AU Delmer, Deborah P. [Reprint author]; Amor, Yehudit [Reprint author];  
Haigler, Candace; Wainscott, Melody; Johnson, Sarah  
CS Dep. Botany, Hebrew Univ., Jerusalem 91904, Israel  
SO Plant Physiology (Rockville), (1995) Vol. 108, No. 2 SUPPL., pp. 8.  
Meeting Info.: Annual Meeting of the American Society of Plant  
Physiologists. Charlotte, North Carolina, USA. July 29-August 2, 1995.  
CODEN: PLPHAY. ISSN: 0032-0889.  
DT Conference; (Meeting)  
Conference; Abstract; (Meeting Abstract)  
LA English  
ED Entered STN: 2 Aug 1995  
Last Updated on STN: 2 Aug 1995

L3 ANSWER 23 OF 31 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 1995:553293 CAPLUS  
DN 123:5675  
TI Physiological function and carbohydrate-regulated expression of  
\*\*\*sucrose\*\*\* \*\*\*synthase\*\*\* in maize, citrus and \*\*\*cotton\*\*\*  
AU Nolte, Kurt David  
CS Univ. of Florida, Gainesville, FL, USA  
SO (1993) 151 pp. Avail.: Univ. Microfilms Int., Order No. DA9505809  
From: Diss. Abstr. Int. B 1995, 55(10), 4213  
DT Dissertation  
LA English

L3 ANSWER 24 OF 31 AGRICOLA Compiled and distributed by the National  
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(2004) on STN  
AN 1999:36044 AGRICOLA

DN CAT10866724  
TI Physiological function and carbohydrate-regulated expression of  
\*\*\*sucrose\*\*\* \*\*\*synthase\*\*\* in maize, citrus and \*\*\*cotton\*\*\*  
AU Nolte, Kurt David  
SO 1993 xi, 138 leaves : ill., photos ; 29 cm  
Publisher: 1993.  
NTE Typescript.  
Vita.  
Thesis (Ph. D.)--University of Florida, 1993.  
Includes bibliographical references (leaves 122-137).  
CY No place, unknown, or undetermined  
DT Bibliography; Dissertation; (MONOGRAPH)  
FS U.S. Imprints not USDA, Experiment or Extension  
LA English

L3 ANSWER 25 OF 31 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN  
AN 1993:447500 BIOSIS  
DN PREV199345083125  
TI \*\*\*Sucrose\*\*\* \*\*\*synthase\*\*\* localization during seed and hair  
development: \*\*\*Cotton\*\*\* ovules as a model system.  
AU Vinci, J.; Nolte, K. D.; Koch, K. E.  
CS Hortic. Sci. Dep., Univ. Florida, Gainesville, FL 32611, USA  
SO Hortscience, (1993) Vol. 28, No. 5, pp. 179.  
Meeting Info.: 90th Annual Meeting of the American Society for  
Horticultural Science. Nashville, Tennessee, USA. July 24-29, 1993.  
CODEN: HJHSAR. ISSN: 0018-5345.  
DT Conference; (Meeting)  
LA English  
ED Entered STN: 28 Sep 1993  
Last Updated on STN: 28 Sep 1993

L3 ANSWER 26 OF 31 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN  
AN 1993:402419 BIOSIS  
DN PREV199345061244  
TI \*\*\*Sucrose\*\*\* \*\*\*synthase\*\*\* localization during seed and hair  
development: \*\*\*Cotton\*\*\* ovules as a model system.  
AU Vinci, J. [Reprint author]; Nolte, K. D. [Reprint author]; Koch, K. E.  
[Reprint author]; Hendrix, D. L.; Radin, J. W.  
CS Horticultural Sci. Dep., Univ. Fla., Gainesville, FL 32611, USA  
SO Plant Physiology (Rockville), (1993) Vol. 102, No. 1 SUPPL., pp. 43.  
Meeting Info.: Joint Annual Meeting of the American Society of Plant  
Physiologists and the Canadian Society of Plant Physiologists (La Societe  
Canadienne de Physiologie Vegetale). Minneapolis, Minnesota, USA. July  
31-August 4, 1993.  
CODEN: PLPHAY. ISSN: 0032-0889.  
DT Conference; (Meeting)  
LA English  
ED Entered STN: 30 Aug 1993  
Last Updated on STN: 28 Sep 1993

L3 ANSWER 27 OF 31 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN  
DUPLICATE 13  
AN 1991:10 BIOSIS  
DN PREV199191000010; BA91:10  
TI SUCROSE HYDROLYSIS IN RELATION TO DEVELOPMENT OF \*\*\*COTTON\*\*\*  
GOSSYPIMUM-SPP FIBERS.  
AU BASRA A S [Reprint author]; SARLACH R S; NAYYAR H; MALIK C P

CS DEP BOTANY, COLL BASIC SCI HUMANITIES, PUNJAB AGRIC UNIV, LUDHIANA 141  
004, INDIA  
SO Indian Journal of Experimental Biology, (1990) Vol. 28, No. 10, pp.  
985-988.  
CODEN: IJEBA6. ISSN: 0019-5189.  
DT Article  
FS BA  
LA ENGLISH  
ED Entered STN: 8 Dec 1990  
Last Updated on STN: 9 Dec 1990

L3 ANSWER 28 OF 31 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN  
DUPLICATE 14  
AN 1990:159610 BIOSIS  
DN PREV199089087028; BA89:87028  
TI CARBOHYDRATES AND CARBOHYDRATE ENZYMES IN DEVELOPING \*\*\*COTTON\*\*\*  
OVULES.  
AU HENDRIX D L [Reprint author]  
CS USDA, ARS, WESTERN COTTON RES LAB, 4135 EAST BROADWAY RD, PHOENIX, ARIZ  
85040, USA  
SO Physiologia Plantarum, (1990) Vol. 78, No. 1, pp. 85-92.  
CODEN: PHPLAI. ISSN: 0031-9317.  
DT Article  
FS BA  
LA ENGLISH  
ED Entered STN: 27 Mar 1990  
Last Updated on STN: 10 May 1990

L3 ANSWER 29 OF 31 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN  
AN 1987:57043 BIOSIS  
DN PREV198732027264; BR32:27264  
TI 50. DIURNAL FLUCTUATIONS IN \*\*\*COTTON\*\*\* GOSSYPIMUM-HIRSUTUM CULTIVAR  
COKER-100 LEAF CARBON EXCHANGE RATE SUCROSE SYNTHESIZING ENZYMES LEAF  
CARBOHYDRATE CONTENT AND CARBON EXPORT.  
AU HENDRIX D L [Reprint author]; HUBER S C  
CS US DEP AGRIC-AGRIC RES SERV, WESTERN COTTON RES LAB, PHOENIX, ARIZ, USA  
SO Plant Biol., (1986) pp. 369-374. CRONSHAW, J., W. J. LUCAS AND R. T.  
GIAQUINTA (ED.). PLANT BIOLOGY (NEW YORK), VOL. 1. PHLOEM TRANSPORT; THIRD  
INTERNATIONAL CONFERENCE, PACIFIC GROVE, CALIF., USA, AUG. 18-23, 1985.  
XXIX+650P. ALAN R. LISS, INC.: NEW YORK, N.Y., USA. ILLUS.  
Publisher: Series: Plant Biology New York.  
CODEN: PBIOEM. ISSN: 0894-4563. ISBN: 0-8451-1800-5.  
DT Book  
Conference; (Meeting)  
FS BR  
LA ENGLISH  
ED Entered STN: 17 Jan 1987  
Last Updated on STN: 17 Jan 1987

L3 ANSWER 30 OF 31 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN  
DUPLICATE 15  
AN 1986:362638 BIOSIS  
DN PREV198682067112; BA82:67112  
TI DIURNAL FLUCTUATIONS IN \*\*\*COTTON\*\*\* GOSSYPIMUM-HIRSUTUM CULTIVAR COKER  
100 LEAF CARBON EXPORT CARBOHYDRATE CONTENT AND SUCROSE SYNTHESIZING  
ENZYMES.  
AU HENDRIX D L [Reprint author]; HUBER S C

CS US DEP AGRIC, AGRIC RES SERV, WESTERN COTTON RES LAB, PHOENIX, ARIZ 85040, USA  
 SO Plant Physiology (Rockville), (1986) Vol. 81, No. 2, pp. 584-586.  
 CODEN: PLPHAY. ISSN: 0032-0889.  
 DT Article  
 FS BA  
 LA ENGLISH  
 ED Entered STN: 6 Sep 1986  
 Last Updated on STN: 6 Sep 1986

L3 ANSWER 31 OF 31 CAPLUS COPYRIGHT 2004 ACS on STN  
 AN 1986:549826 CAPLUS  
 DN 105:149826  
 TI Diurnal fluctuations in \*\*\*cotton\*\*\* leaf carbon exchange rate,  
 sucrose synthesizing enzymes, leaf carbohydrate content and carbon export  
 AU Hendrix, Donald L.; Huber, Steven C.  
 CS Agric. Res. Serv., US Dep. Agric., Phoenix, AZ, 85040, USA  
 SO Plant Biology (New York) (1986), 1(Phloem Transp.), 369-73  
 CODEN: PBIOEM; ISSN: 0894-4563  
 DT Journal  
 LA English

=>

---Logging off of STN---

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	ENTRY	SESSION
FULL ESTIMATED COST	76.33	76.75

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